



作者声明没有利益冲突。

Approved for use through 10/31/2002. OMB 0661-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTD

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet	1	of	2
-------	---	----	---

**Complete if Known**

Application Number	Application No. 09/913,663
Filing Date	08/17/2001
First Named Inventor	Naamanka
Art Unit	2732
Examiner Name	
Attorney Docket Number	PAT130USA

COPY OF PAPERS  
ORIGINALLY FILED

## U.S. PATENT DOCUMENTS

Examiner Initials	Date No.	Document Number: Number: Kind Code(s) of Index	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Claim Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓		US: 4,950,941 A	09-27-1979	Katayama, Gombei S.	
✓		US: 4,965,322 A	10-25-1977	Crescy, Hugh L.	
✓		US: 5,236,375 A	08-17-1993	Sekine, Seikeishi	
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			
		US:			

RECEIVED  
MAR 21 2002  
TC 1700

RECEIVED  
MAR 21 2002  
TC 1700

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	2/04
--------------------	--------------------	-----------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number [optional]. <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or NPSP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 15 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burdan Hour Statement:** This form is estimated to take 2-6 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**